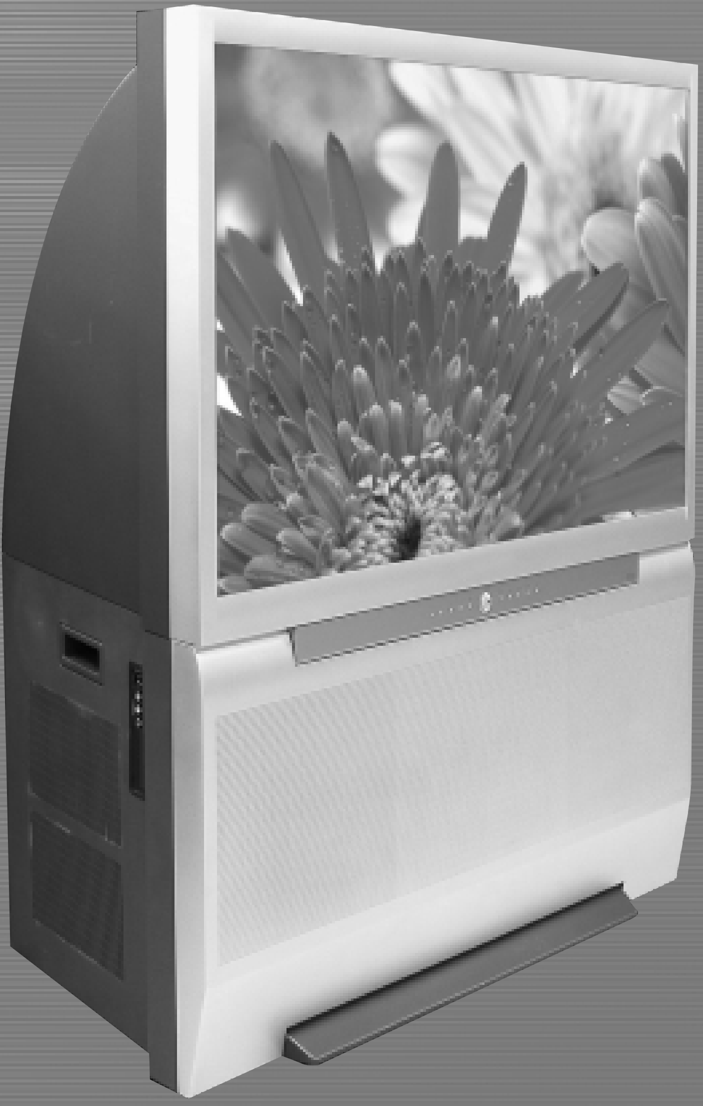
DAEWOO ELECTRONICS

REAR PROJECTION TV

INSTRUCTION MANUAL

DJ - 4710 / 5510
DJ - 4720 / 5520
DJ - 4710E / 5510E
DJ - 4720E / 5520E



P/N:48586113E203-R0

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK).
NO USER-SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock.

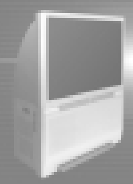
The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING:

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

CAUTION:

TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.



IMPORTANT SAFEGUARDS

Please read the following safeguards for your TV and retain for future reference.
Always follow all warnings and instructions marked on the television.

1. Read, Retain and Follow All Instructions

Read all safety and operating instructions before operating the TV. Retain the safety and operating instructions for future reference. Follow all operating and use instructions.

2. Heed Warnings

Adhere to all warnings on the appliance and in the operating instructions.

3. Cleaning

Unplug the TV from the wall outlet before cleaning. Do not use liquid, abrasive, or aerosol cleaners. Cleaners can permanently damage the cabinet and screen. Use a lightly dampened cloth for cleaning.

4. Attachments and Equipment

Never add any attachment and/or equipment without approval of the manufacturer as such additions may result in the risk of fire, electric shock or other personal injury.

5. Water and Moisture

The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

6. Accessories



Do not place the TV on an unstable cart, stand, tripod, or table. The TV may fall, causing serious injury to a child or adult and serious damage to the TV. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the TV. Any mounting of the TV should follow the manufacturer's instructions, and should use mounting accessories recommended by the manufacturer. An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

7. Ventilation

Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the TV and to protect it from overheating. Do not cover the ventilations openings in the cabinet and never place the set in a confined space such as built-in cabinet unless proper ventilation is provided. Leave a minimum 10 cm gap all around the unit.

8. Power Source

This TV should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supplied to your home, consult your appliance dealer or local power company.

9. Grounding or Polarization

This TV is equipped with a polarized alternating current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

10. Power-Cord Protection

Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the TV.

11. Lightning

For added protection for this TV during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the TV due to lightning and power-line surges.

12. Power Lines

An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

13. Overloading

Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.

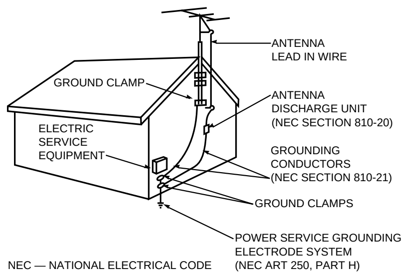
14. Object and Liquid Entry

Never push objects of any kind into this TV through openings as they may touch dangerous voltage points or short-out parts that could result in fire or electric shock. Never spill liquid of any kind on or into the TV.

15. Outdoor Antenna Grounding

If an outside antenna or cable system is connected to the TV, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electric Code, ANSI /NFPA No. 70-1984, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

EXAMPLE OF ANTENNA GROUNDING



16. Servicing

Do not attempt to service this TV yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

17. Damage Requiring Service

Unplug the TV from the wall outlet and refer servicing to qualified service personnel under the following conditions:

(a) When the power-supply cord or plug is damaged.
(b) If liquid has been spilled, or objects have fallen into the TV.
(c) If the TV has been exposed to rain or water.
(d) If the TV does not operate normally by following the operating instructions. Adjust only those controllers that are covered by the operating instructions as an improper adjustment of other controllers may result in damage and will often require extensive work by a qualified technician to restore the TV to its normal operation.
(e) If the TV has been dropped or the cabinet has been damaged.
(f) When the TV exhibits a distinct change in performance - this indicates a need for service.

18. Replacement Parts

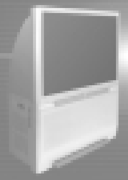
When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.

19. Safety Check

Upon completion of any service or repair to the TV, ask the service technician to perform safety checks to determine that the TV is in safe operating condition.

20. Heat

The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.



Warning

This section must be read carefully and followed by the user prior to the operation of the product.

The manual states important instructions for the user's own safety, and the proper operation of the product.

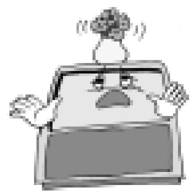
⚠ Warning Ignoring or disregarding the contents of this section and improper operation of the product may result in the person's death or serious injury.

In case of an accident, please unplug the unit from the outlet immediately.

To reduce the risk of electric shock, do not remove cover or back. No user -serviceable parts inside. Refer to qualified service personnel for repair.



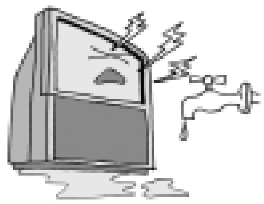
Do not put any object that contains water - such as flowerpot - on the unit.
The water may penetrate into the unit, and be a cause of fire or hazardous electric shock.



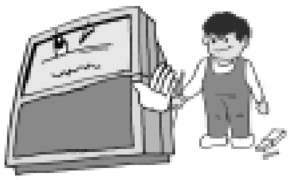
To prevent fire and damages to the product, unplug the unit from the outlet during lightning storm, or when it is left unattended and unused for a long period of time.



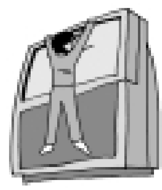
Do not put on or use the product near water and moisture-such as in a bathroom, washbowl, etc. It may be a cause of fire and electric shock hazards.



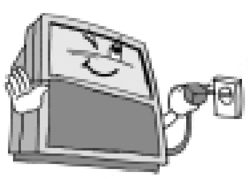
Slots and openings in the case are provided for ventilation to ensure reliable operation of the product. Never put in any item-such as a coin, paper, match- through these openings since it may touch dangerous voltage points that could result in fire or shock hazard.



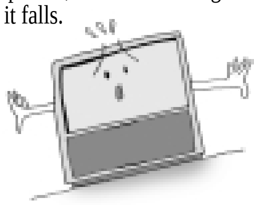
Do not let children hang on or climb on the product since it may be a cause of serious injury.

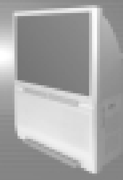


Hold the plug when unplugging the unit from the outlet. The cord may cause fire or electric shock if damaged.



Do not cause the product to lean or put it in an unstable place since it may cause a serious injury to a person, as well as damage to the product if it falls.





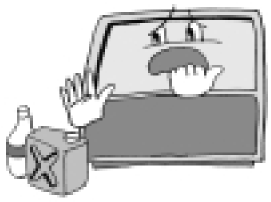
Caution

Please keep the user's manual in a safe place for future reference.

⚠ Caution Ignoring or disregarding the contents of this section and improper operation of the product may result in the person's death or serious injury.

This section must be read carefully and followed by the user when installing and transporting the product.

Do not put volatile substance-such as benzene, naphtha- near the product since it may cause a change in the product's colour.



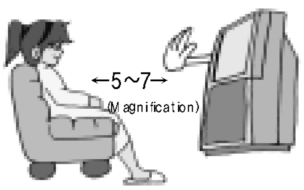
Do not put a magnetic related substance, or telephone near the product since it may cause distortion of the image



Do not expose the product to a dusty or moisturized place since it may be a cause of malfunctioning.



Do not view the TV too closely since it may cause damage in your eyesight.



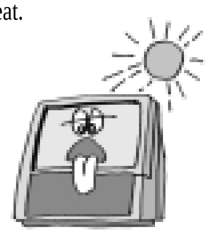
Refer servicing to qualified service personnel for cleaning at least once a year since dust inside the TV set may be a result or fire and malfunctioning of the product.



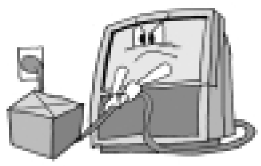
Do not spill water or drop the remote controller since it may be a cause of malfunctioning.



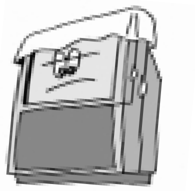
The product should be situated away from any heat source-such as radiators, heat registers, stoves, or other products that produce heat.



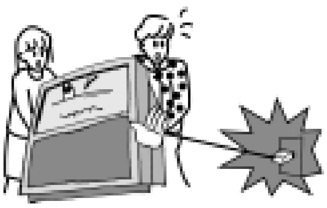
Do not put on any heavy item on the power cord since it may result in fire or hazardous electric shock if the cord is damaged.



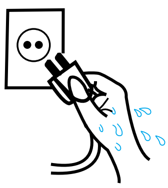
Do not cover the top of the television set. Ventilation will be prevented, and it may be a cause of fire if the product is internally overheated.



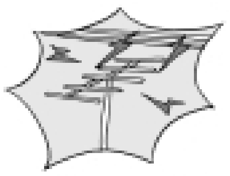
Unplug the power from the outlet and all the related connections from the unit to prevent electric shock. At least two people must work together to move the TV set when transporting to prevent the TV from falling, and consequently, any serious injury or damage.

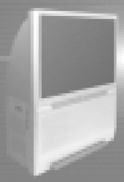


Do not touch the power cord with moisturized or wet hands when plugging to or unplugging from the outlet since it may be a cause of electric shock.

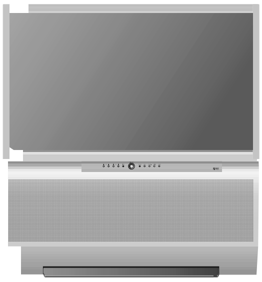


Please be advised of electric wires and cables when installing the antenna. It may be a cause of hazardous electric shock and fire if the antenna touches or falls on the electric wire; thus, it must be installed firmly, and far away from the cables.

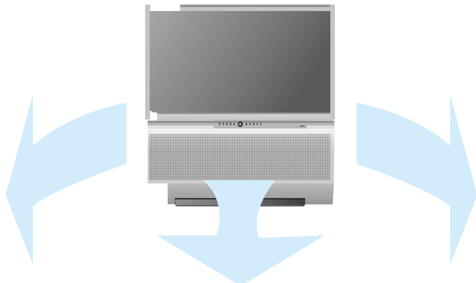




This product has advantages as follows.

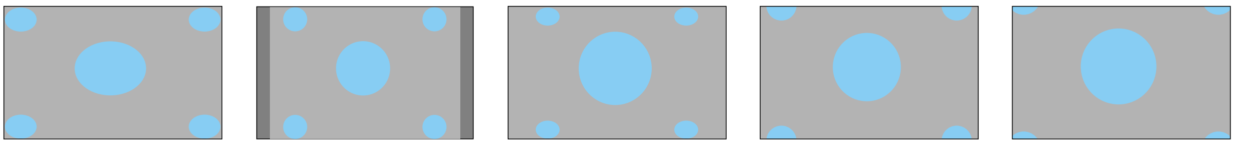


Large Screen
Your viewing is made more enjoyable because your new projection TV has a 47” screen.



Adopts Dolby Virtual
You can enjoy vivid and stereo sound as in a theatre.

Various Screen
You can watch various sizes of screen such as 16:9, 4:3, Panorama and you can adjust Zoom mode.

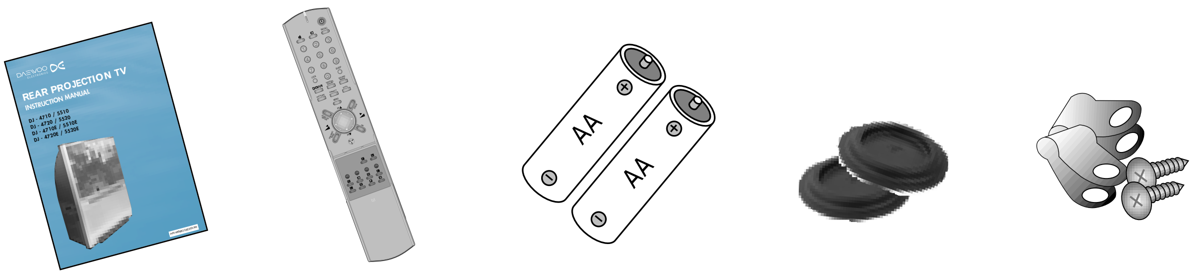


16:9 | 4:3 | Panorama | Zoom1 | Zoom2

OPTIONAL ADJUSTMENT OF SOUND
You can adjust individual bands of audio frequencies since the equalizer is built-in.

CONNECTION OF VARIOUS DEVICES
You can watch many kinds of media in a large screen by connecting a DVD or digital tuner ETC.

Make Sure of Auxiliary Parts.



Information for setting up the TV

The TV can easily fall when it is being manouvered.
An accident could occur specially when childern hang on or climb on the TV.
there accident could occur.
For satety, install the TV as follows : -

1. **Hold fixing hole and clamp by screw in the back of TV**
2. **Make the TV steady by using strong strings to bind it to a wall, as shown in the picture on the right.**

   When you move the TV, you should pay attention to the strings. Use prop for TV that can stand the weight of TV

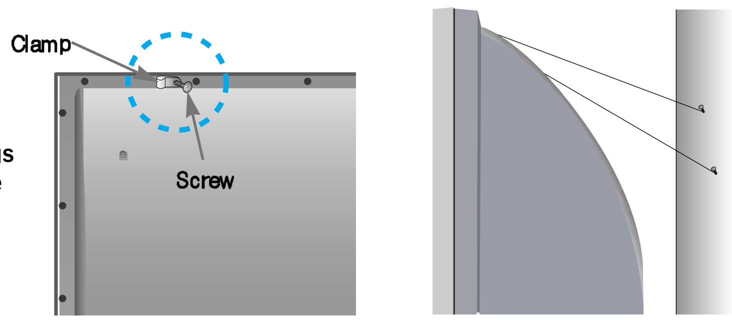


Table of Contents

Installation and Maintenance

Basic Guide

Application Guide

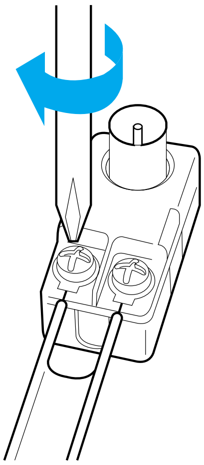
Antenna Connection

Indoor Antenna Connection

1. Connect the feeder cable of the antenna to the combining adapter.

WHEN THE IMAGE IS NOT CLEAR

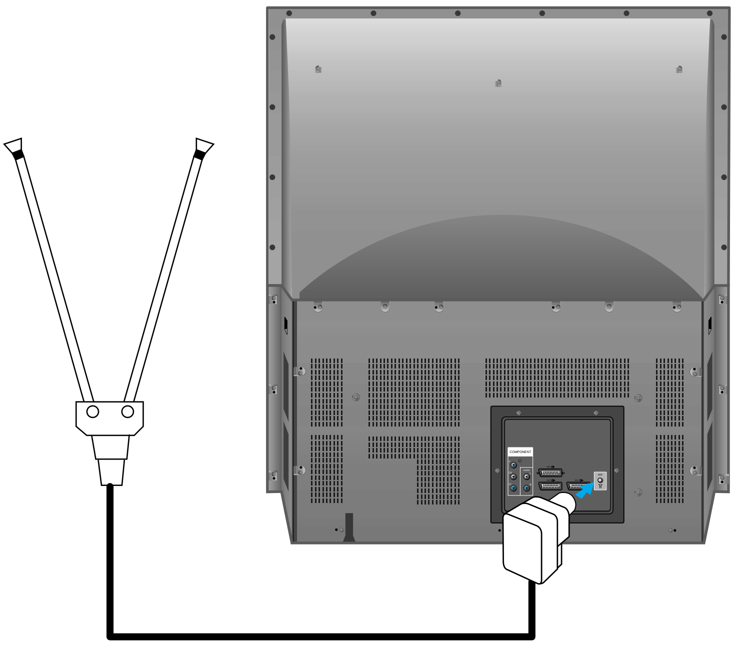
- Unclear screen image and bad reception may be a cause of wrong antenna connection. Be sure to check its direction and place when installing.



2. Connect the combining adapter to the antenna input at the back of the TV set.

WHEN USING THE COMBINING ADAPTER

- You may obtain the combining adapter at your closest Service Center.



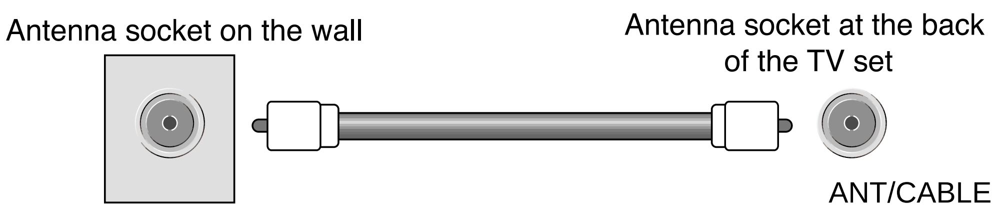
Antenna Input

CTV Antenna Connection

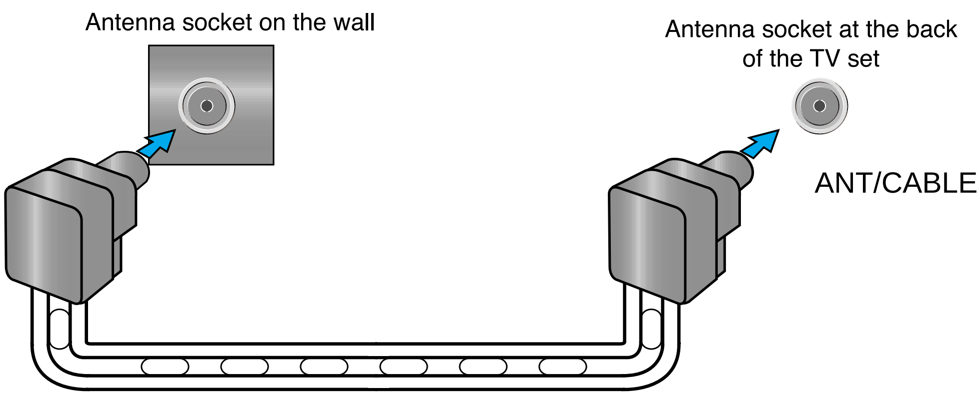
Such community TV Antenna installation may be found in most of co-op apartments.

When a coaxial cable is used

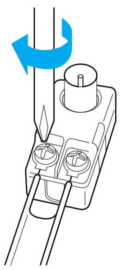
Plug the coaxial cable to the antenna socket, and fix it firmly by turning it to the right.



When a feeder cable is used



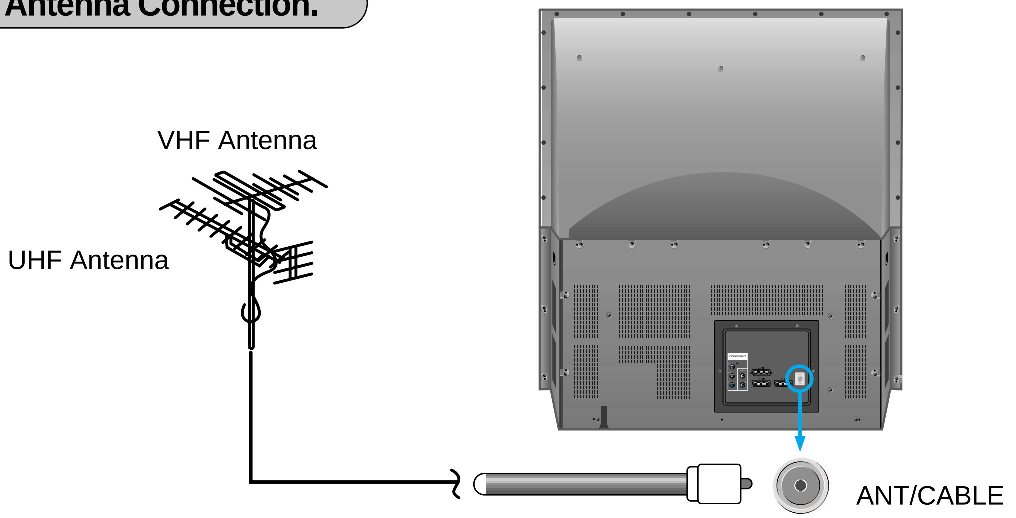
Feeder cable connection with the combining adapter



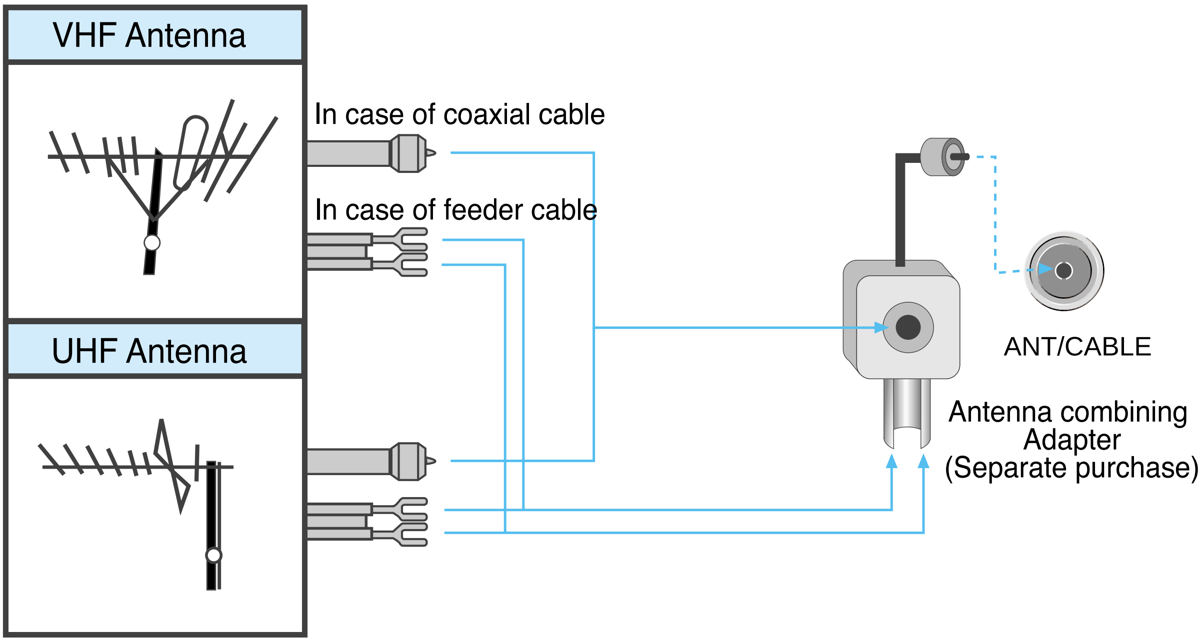
Outdoor Antenna Connection

Outdoor Antenna connection-such as VHF or/and UHF-may be necessary for installation at private houses

Single Antenna Connection.

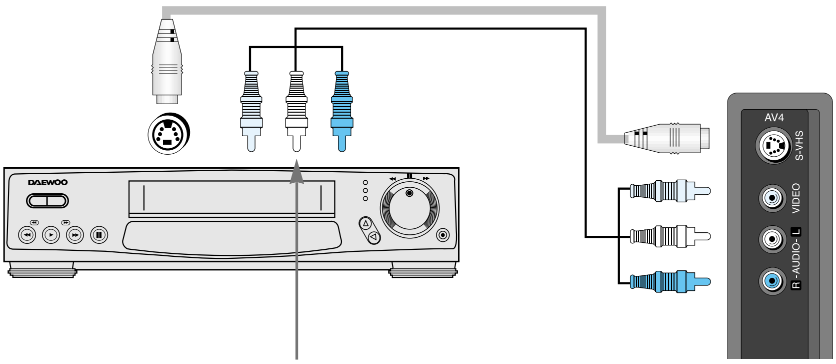


Separate Antenna Connection.

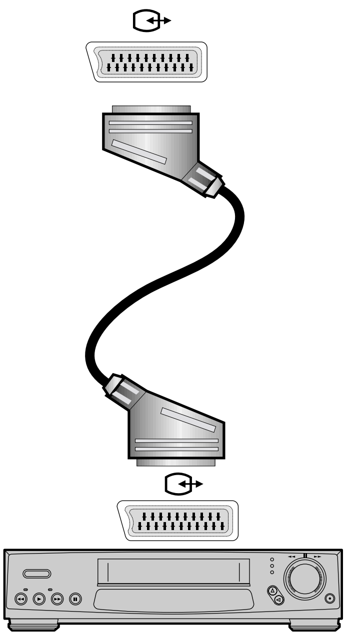


Connecting with an External Source

You may connect S-Video input to enjoy clearer and brighter picture images. You can make the connection with the AV4 input.



● Connection is not necessary in Mono mode.



Connecting with SCART VIDEO

1. Prepare the scart lead for picture / sound.
2. Connect the SCART input / output terminal of VIDEO with the SCART1(AV1), SCART2(AV2), SCART3(AV3, input only) input / output terminal of TV.
3. Turn ON the video, Insert the video cassette, and press the ‘play’ button.

Notices:

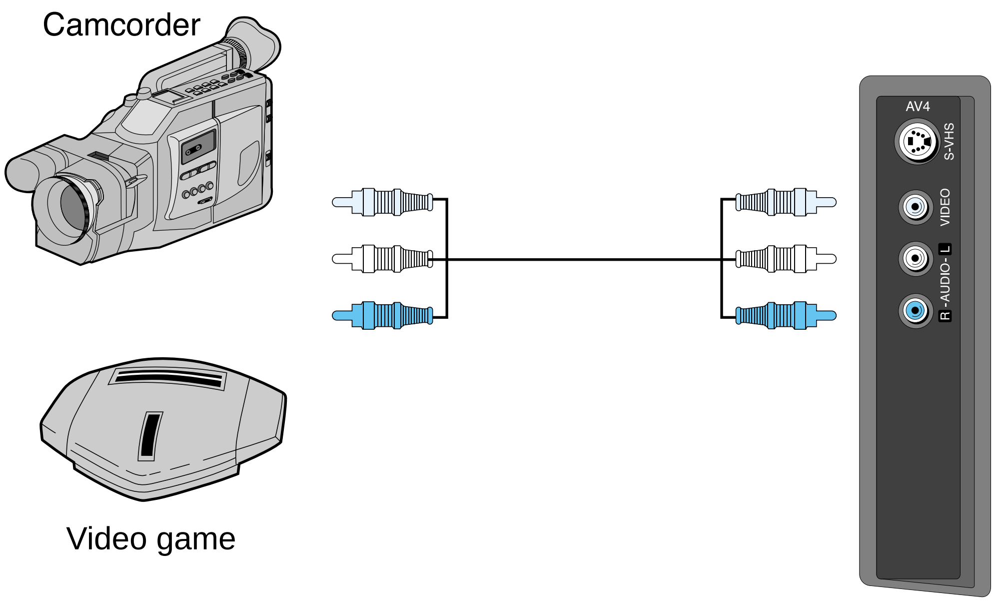
- The SCART1 is used to connect VCR, DVD player, or RGB game machine, etc.(Composite & RGB)
- The SCART2 is used to connect VCR, DVD player, or S-VHS camcorder, etc.(Composite & S-VHS)
- The SCART3 is used to connect VCR or DVD player, etc.(Composite only)

Camcorder & Video Game Connection

Watching the Camcorder Recording on TV

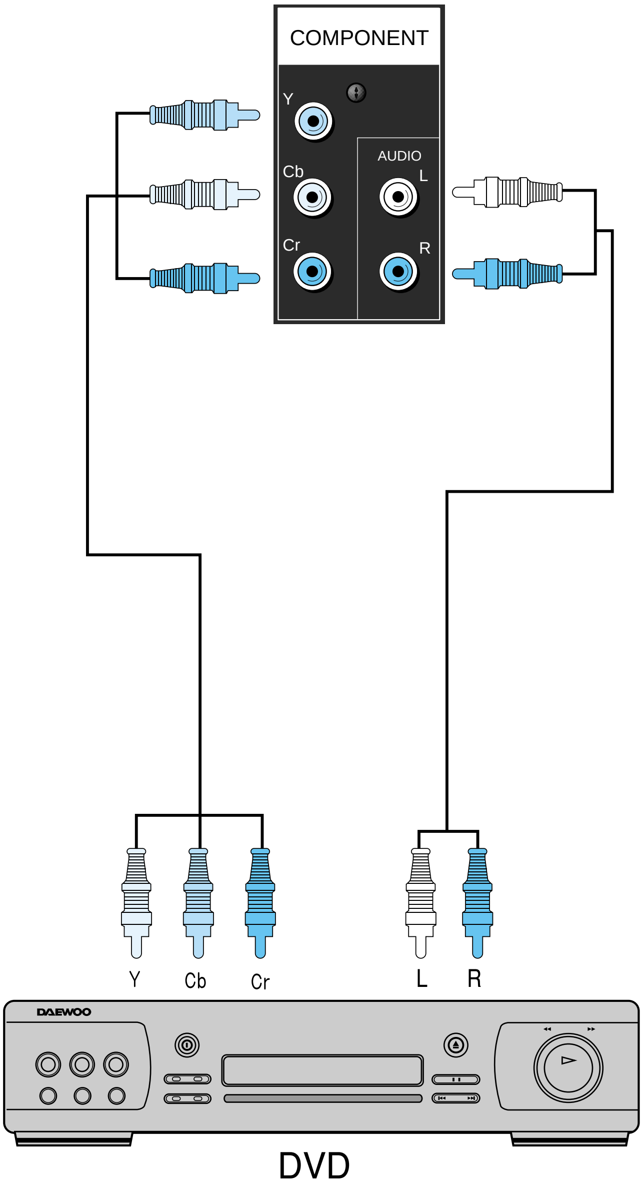
-Use the input jack provided at the side panel of the TV set.

-Use the same connection method for Video Game.



DVD Connection (Component Video Method)

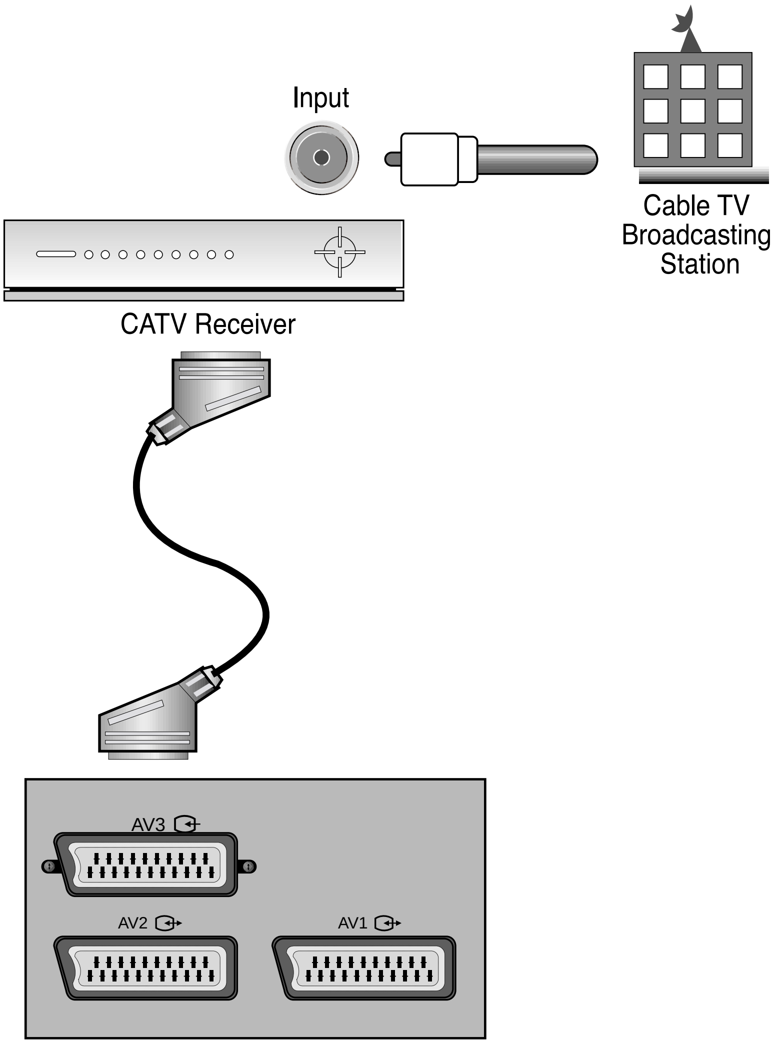
-480i input signal is possible for DVD input.
-DVD screen output is composed of three separate primary colour jack(Y/Cb/Cr), resulting in a higher image quality.
-Y/Cb/Cr, may also be noted as Y/PB/PR or Y/Pb/Pr in different DVD players.
-The DVD player' s audio output must be connected to the DVD audio input socket at the back of the TV set.
-If your DVD player does not have component video output use scart or composite video connections.



Cable TV Broadcasting Connection

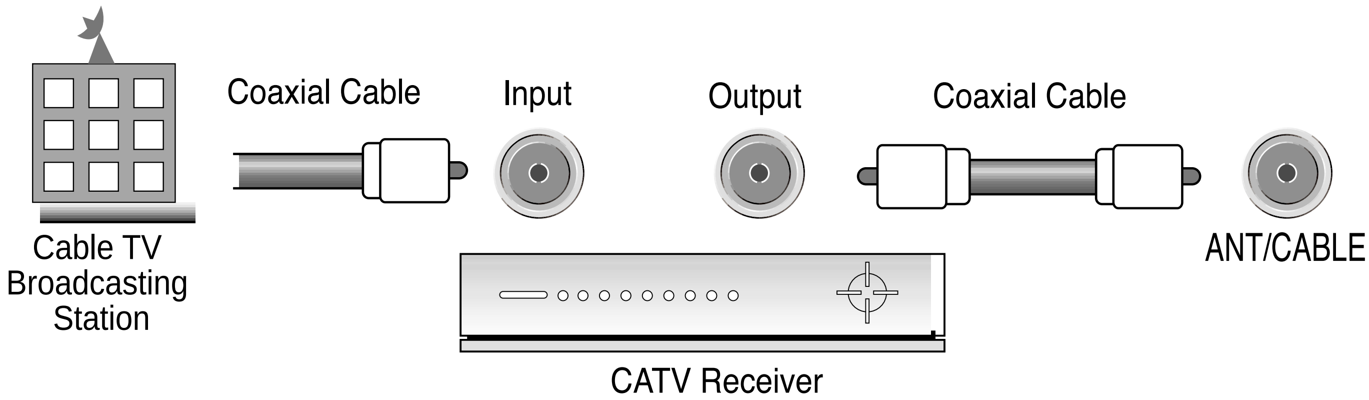
External Input Connection Source

Watching cable television is only possible after you have subscribed to the local broadcasting company and installed a cable receiver. You may make the connection to any of the Component input and SCART input AV1, AV2 & AV3.



Antenna Input Connection

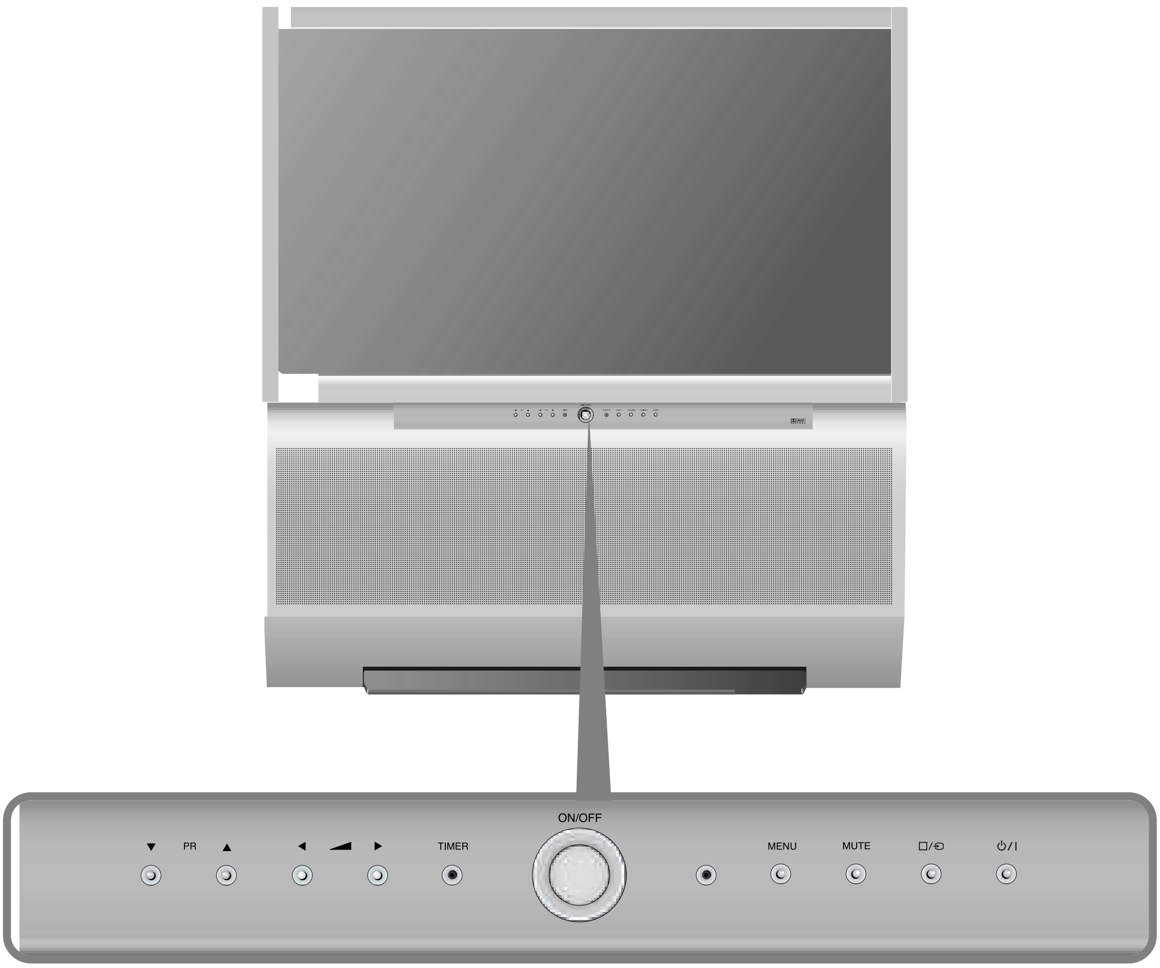
Watching cable television is only possible after you have subscribed to the local broadcasting company and installed a cable receiver.



Name of Each Part

Front Panel

Buttons on the TV set have the same function as those of the remote controller.



Front Panel Button

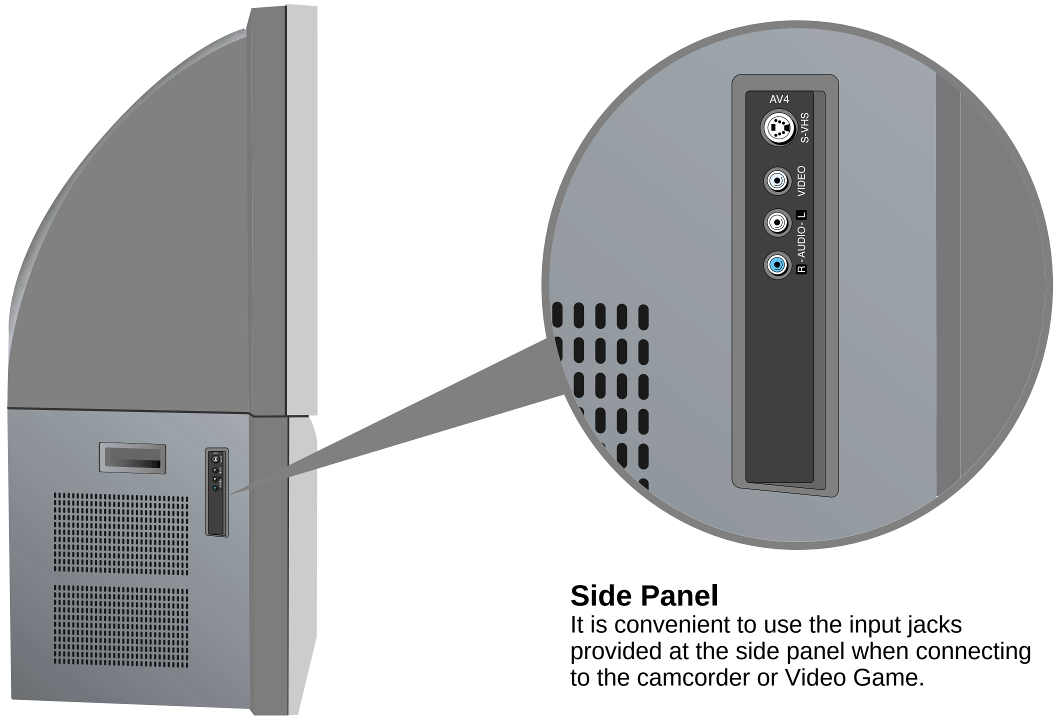
If you turn the TV set off by pressing the ON/OFF button at this panel, it is as unplugging the power cord from the outlet since this will prevent all operation of both the TV set and the remote controller. Unless you are not using the unit for a long period of time, have the main power on this panel turned on at all times.

Remote controller signal receiver

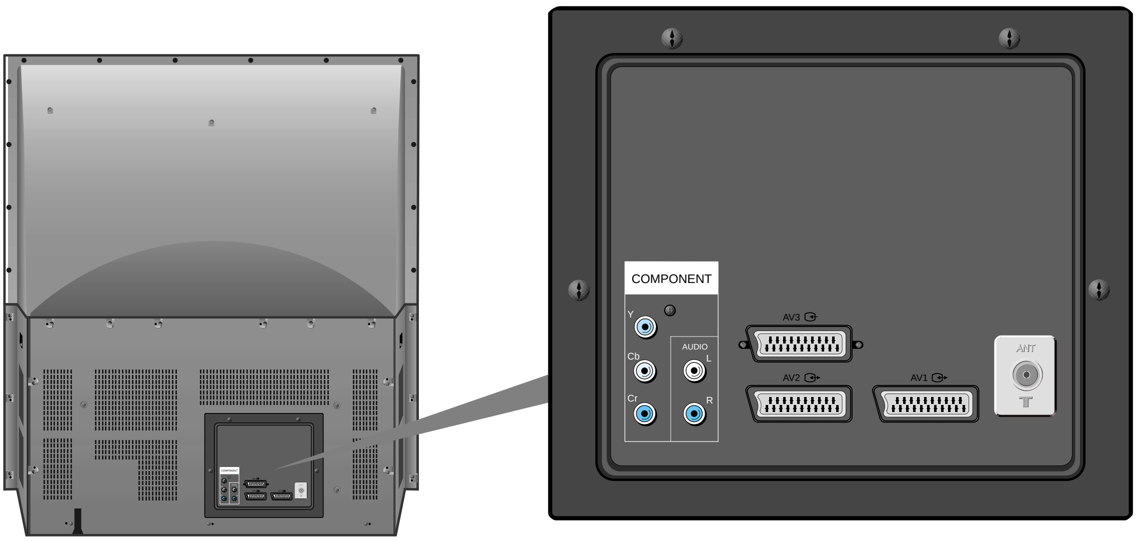
the screen contains the remote controller signal receiving window; thus, point the remote controller towards the screen when using it.

Power/ Timer Lamp

Power lamp is blue colour if power turns on and red colour if power turns off.
Timer lamp turns on in Off/On reservation.



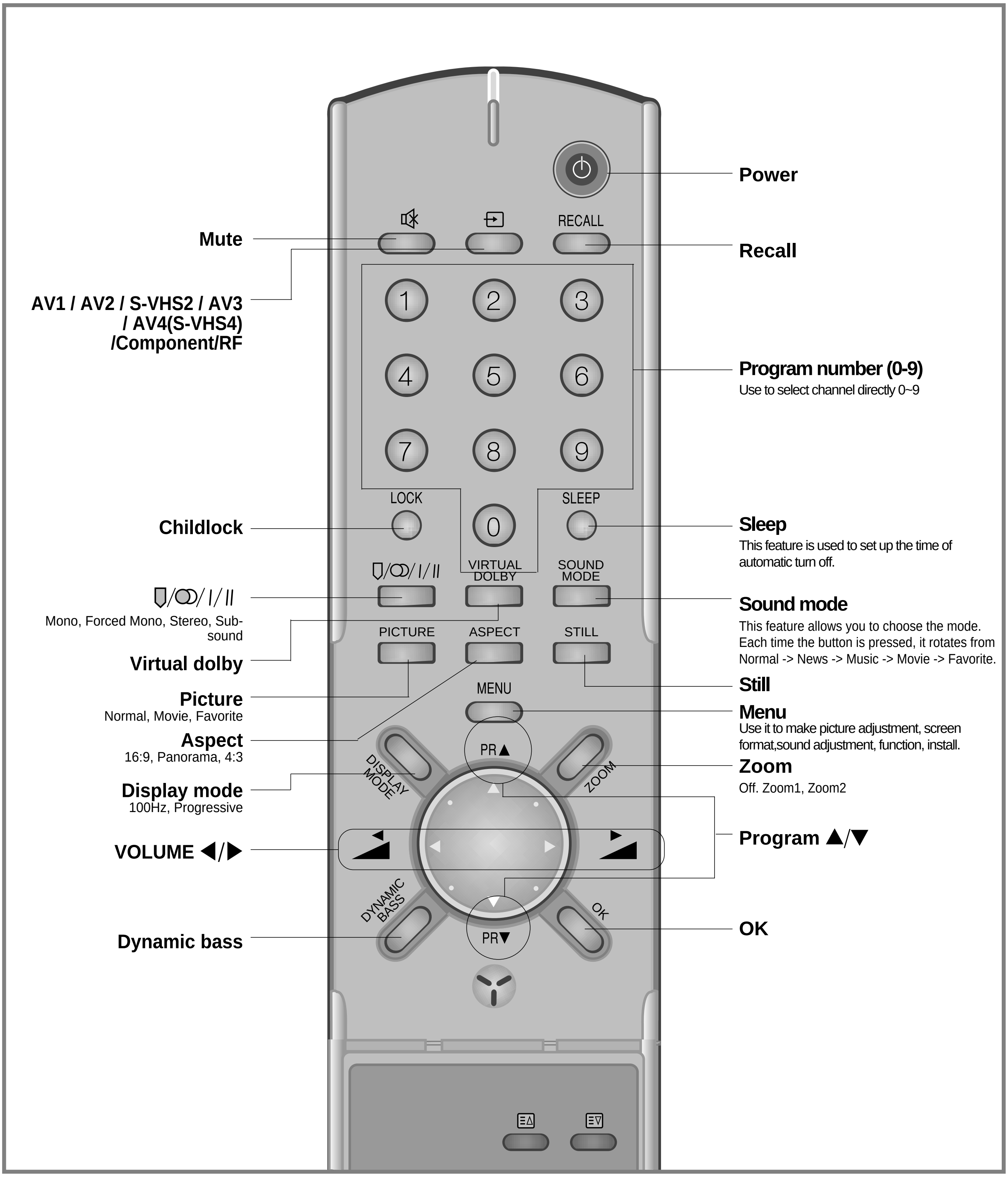
Side Panel
It is convenient to use the input jacks provided at the side panel when connecting to the camcorder or Video Game.

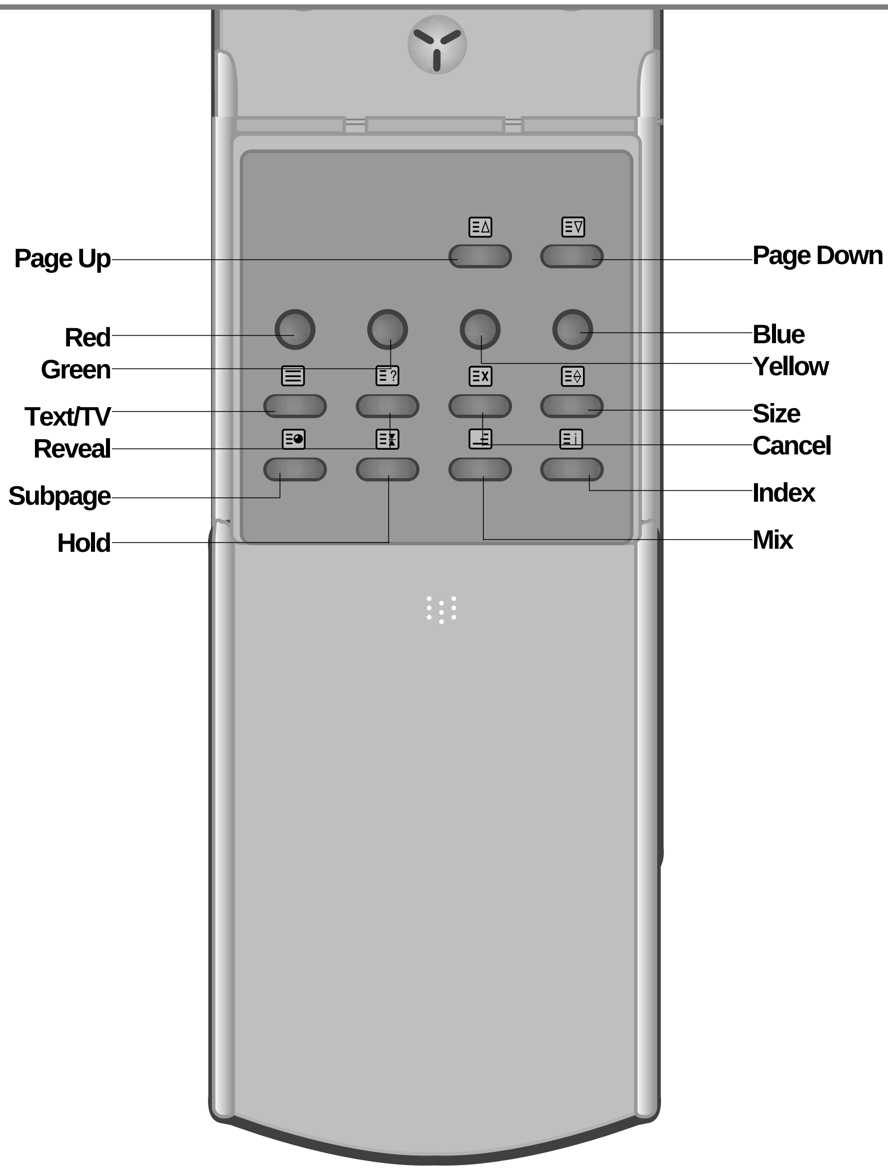


Rear Panel

Parts of the remote controller

This remote controller is universal; thus, it may be convertible for TV, Video, CTV, etc.





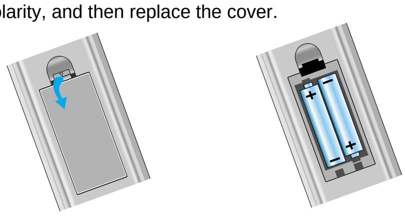
When the TV screen image is unclear

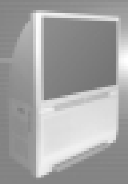
- Do not drop or spill liquid on it.
- Do not expose to heat, dust, or humidity



BATTERY INSTALLATION

- Push to open the cover of the remote controller
- Set the batteries in the battery cell after checking the polarity, and then replace the cover.



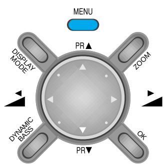


Method To Use Basic Menu

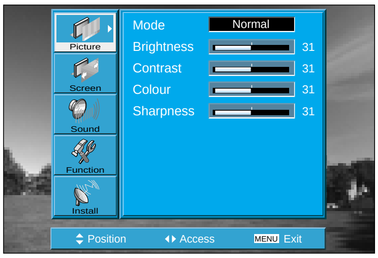
Basic Menu

- The basic menu appears on the screen if you press the menu button of the remote control.
- There are 5 items Picture, Screen, Sound, Function, and Install in the basic menu.
- Each item has sub-items under it. If the desired item is selected, the relevant sub-items are displayed upward.

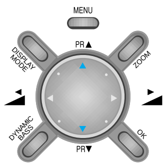
1 Press the “Menu” button.



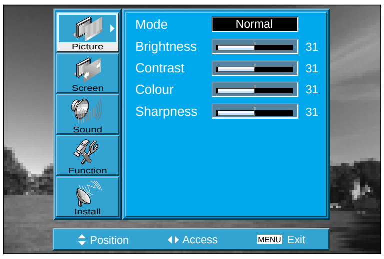
• The main menu appears if you press the Menu button.

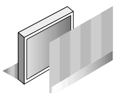


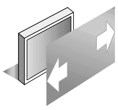
2 Press the “▼PR▲” button.



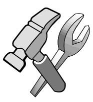
• You may setup according to the directions on the screen after selecting the desired item by pressing the “▼PR▲” button.
• If the setup is completed, exit from the menu by pressing the “Menu” button.

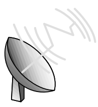


 **Picture** Adjust Mode, Brightness, Contrast, Colour, Sharpness and Tint(NTSC only).

 **Screen** Adjusts Aspect, Zoom, Display Mode and Convergence.

 **Sound** Adjusts Mode, Equalizer, Virtual Dolby, Dynamic Bass and Balance.

 **Function** Adjusts Language, Timer and Child Lock.

 **Install** Adjusts Auto Tuning, Manual Tuning, Fine Tuning and Edit.

On/Off, Number, Mute, Recall, ◀/▶/▼/▲

- Buttons with same name in the main body performs same function.

Press the “ON/OFF” button of the front of the set.

- The buttons of the remote control and the main body operate only when pressing the “ON/OFF” button of the main body.
  The remote control and the main body do not operate if turning the “ON/OFF” button of the main body off.

When pressing the Program button

- Select two digits if using the number button for channel selection.
  For example, to watch the No.9 channel, Press the number button 0 and 9.
  If pressing only number 9, it takes long time to select the channel.

To suddenly turn sound off

- Press the ‘Mute(🔇)’ button.
- No sound is heard if ‘Mute(🔇)’ is displayed on the screen.
- Sound is heard again if you press the ‘Mute(🔇)’ button once again.
  For example, please use this button when telephone rings or when guest comes while watching TV.

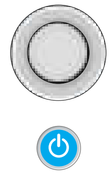
Check of TV operation status

- If pressing the “Recall” button, status of channel or broadcasting being currently watched or entry status of video component is displayed on the screen.



TO Watch TV

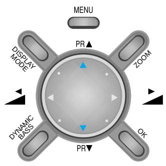
1 Press the "ON/OFF" button.



- Press the "ON/OFF" button of the main body.
- The main power lamp turns on in red colour.
- Press the "Power" button of the main body or the "Power" button of the remote control.
- The main power lamp turns on in "green" colour and the TV turns on.

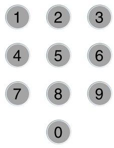


2 Press the "▼PR▲" button.



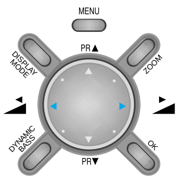
- Select the desired program by pressing the "▼PR▲" button or the number button.

Ex) Program 09

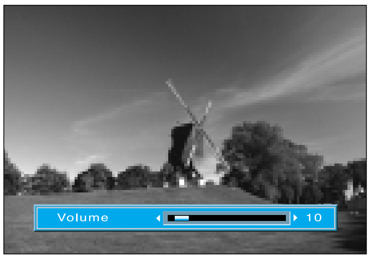




3 Adjust volume.



- Sound reduces by pressing the ◀VOL button.
- Sound increases by pressing the VOL▶ button.



4 Press the "Power" button for turning the TV off.



- TV turns off and the power lamp changes to red colour.



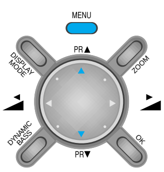
Setting Up TV Stations

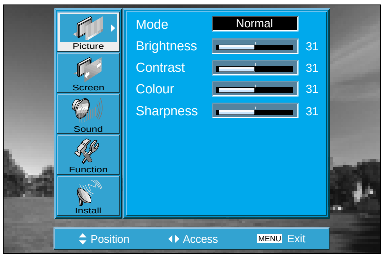
Auto Tuning

- All stations that can be received are stored by this method. It is recommended that you use Auto tuning during installation of this set.

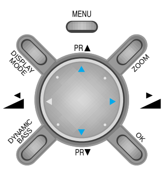


1 Repeatedly press the Menu button to select the Install menu.





2 Select the "Auto Tuning".

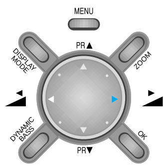


• Press the VOL▶ button and then "▼PR▲" button to select Auto tuning.



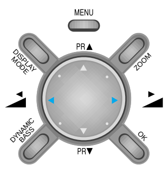
Auto Tuning

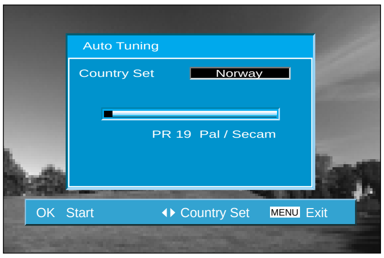
3 Press the VOL▶ button to display the Auto tuning menu.



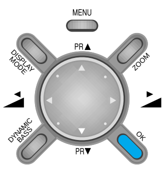


4 Select the country you require with "◀VOL▶" button.

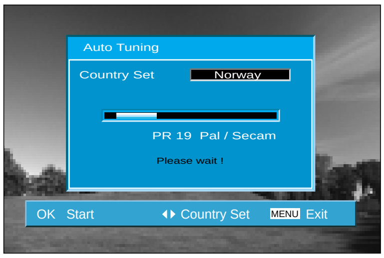




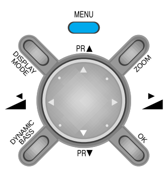
5 Press the OK button.



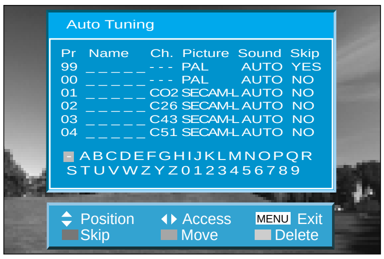
- Auto tuning will begin, your stations will be located and stored.



6 Please wait until the Edit menu appears.



- If you don't want to edit program now, escape from menu with the Menu button.
- You can do it late.

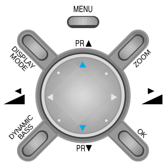


Edit

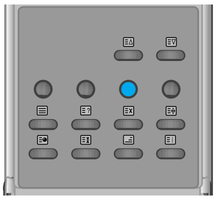
The Edit menu shows you information as follows:

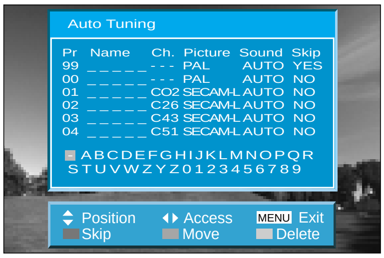
- Program position assignment : Program number and Station name, Real channel number.
- Picture information : PAL, SECAM, SECAM-L
- Sound information : Auto, L, DK3, DK2, DK1, I, BG
- Skip : information : Yes, No

1 Deleting the program positions

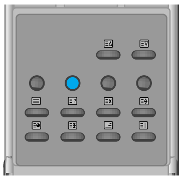


- Position the selection bar to program number to delete with the “▼PR▲” buttons.
  Note that you can move the selection bar when the cursor is on the PR.
- Press the Delete(Yellow) button.



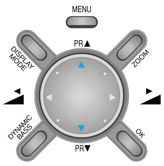


2 Moving the program positions



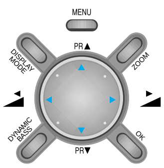
- Position the selection bar to program number you want to move.
- Press the Move(Green) button. The colour of “Move” Character will be changed to Green from White.
- Position the selection bar to new program number.
- Press the Move (Green) button again. Then the “Move” Character will be changed Green -> Red -> White.

3 Skipping the Programs



- Select the Skip “Yes” or “No” with the Skip (Red) button. You can also use the “▼PR▲” buttons after moving the cursor to skip.
- The program marked with Skip “Yes” is skipped when changing program using the “▼PR▲” button.
  However, a skipped program number can be selected using the Number buttons 0~9, it will be displayed in Red.

4 Enter a station name



- Move the cursor to name by pressing “◀VOL▶” buttons.
  Then the Alphabet, Number and symbols will appear.
- You can enter a station name with the “▼PR▲” and “◀VOL▶” buttons.

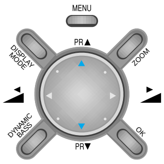


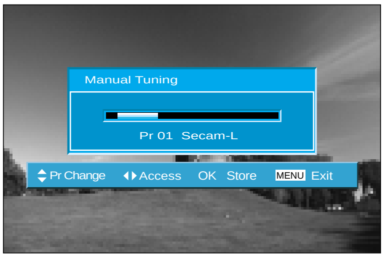
Manual tuning



1

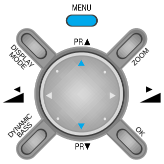
Press the Number buttons(0~9) or the "▼PR▲" button to select a program number you want.



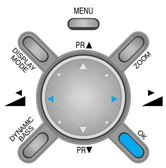


2

Locate the selection bar on the Manual tuning at the Install menu.

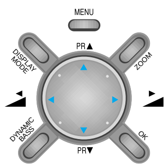


3 Press the “◀VOL▶” buttons.

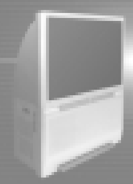


- A tuning screen will appear and cursor will move from left to right / from right to left. If you want to stop tuning press the Menu button.
  After searching a station, you must press the OK button to store the Program.

4 Searching for channels in the Edit menu You can also search a channel in the Edit menu.



- Position a selection bar to the PR number you want.
- Position the cursor to the Picture with “◀VOL▶” buttons.
- Select the system(PAL or SECAM, SECAM-L) of channel you want to search with the “▼PR▲” buttons.
  Position the cursor to channel number entry position with “VOL▶” button.
  Search a channel with “▼PR▲” buttons.

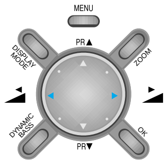


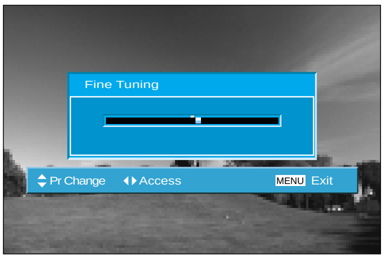
Fine tuning

- If you are unable to get a good picture or sound because of a poor broadcasting signal, it is possible to adjust the Fine tuning.

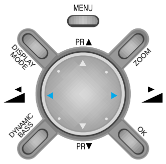


1 Move the selection bar to Fine tuning and press the "◀VOL▶" buttons to activate Fine tuning up or down.





2 Note that if only operates while the "◀VOL▶" button is being pressed.



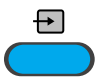
• The change is memorized automatically.

Selection of Input Signal

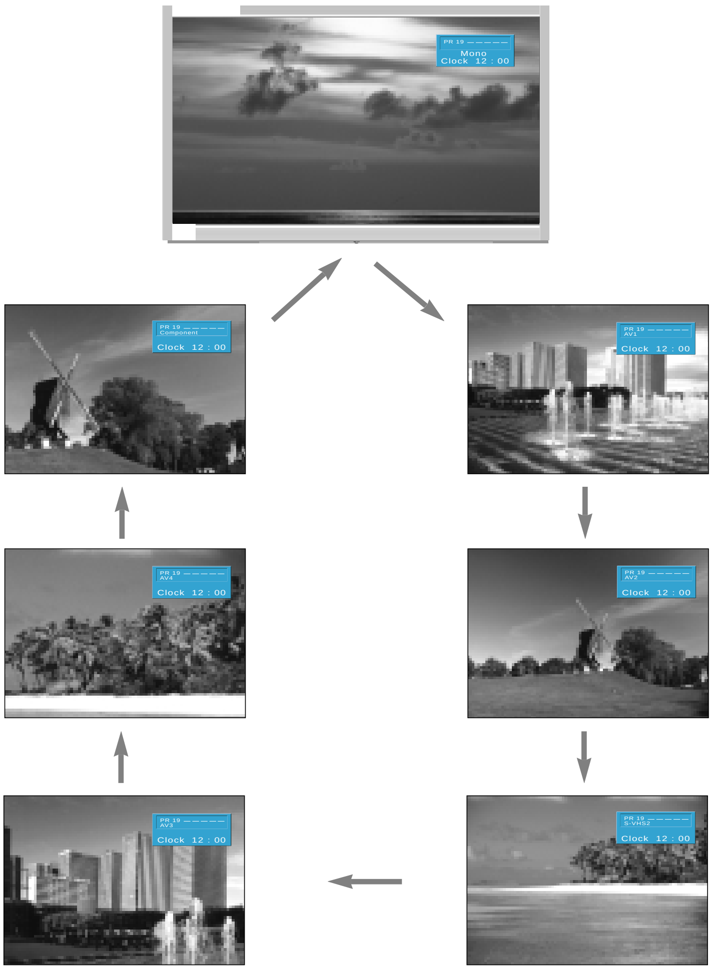
When watching video, Camcorder, DVD, Cable TV

- See 11p for connection method of TV and “Video”.

1 Press the “ (AV)” button.



• Screen changes as follows whenever pressing the “ (AV)” button.

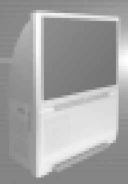




Notices:

Cautions in menu setup

- Menu disappears if not operating any button for 10 seconds from the menu.
- Don’t connect the composite video signal and S-video signal to the video input terminal AV4 at the same time. If connecting both signals at the same time, the S-video takes precedence.
- You can watch only when this input terminal has been be connected to the composite video (generally video) signal.
- If sound signal is of mono method, connect it to the L-terminal of the sound input terminal.



Screen Adjustment

When setting up various screen modes

- The user may select various screens designed for a good picture without adjusting the brightness, contrast or colour individually.



1 Press the “Picture” button.

PICTURE



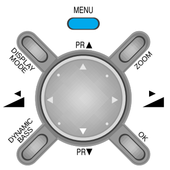
- The screen adjustment status changes as the following screens are displayed sequentially whenever pressing the “Picture” button.
- The screen automatically changes to the User Screen if adjusting Brightness, Contrast, Sharpness and Colour from individual screen mode.
- The screen returns to the mode prior to turning power off when then turning power on again.



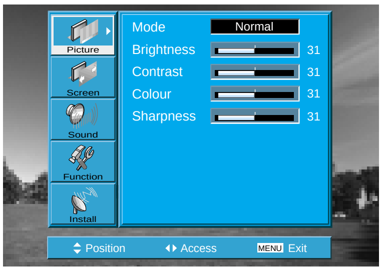
When adjusting the screen to taste

- You can enjoy various screens by adjusting Brightness, Contrast, Colour, Sharpness, etc to the user's taste.

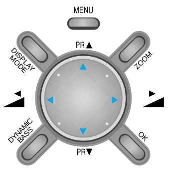
1 Select “Picture” by pressing the “Menu” button.



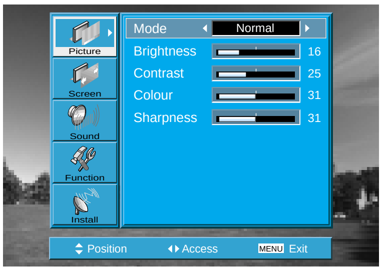
• The menu screenshot appears as follows.



2 Select the item desired to adjust and press the “◀VOL▶” button.



• Whenever pressing the “▼PR▲” button, you can select in the order of Brightness, Contrast, Colour and Sharpness.



• The screen appears as on the right if pressing the “◀VOL▶” buttons after selecting items desired to adjust with the “▼PR▲” buttons.
• You can adjust Brightness by pressing the “◀VOL▶” button.

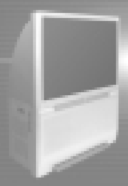


3 Adjust Contrast, Colour, and Sharpness in the same manner.



Notice

Brightness : Adjusts the whole of screen brighter or darker.
Contrast : Adjusts difference between brightness and darkness between objects and background on the screen.
Colour : Adjusts colour thinly or thickly.
Sharpness : Adjusts outline of the screen smoothly or sharply.



Adjustment of Screen Size

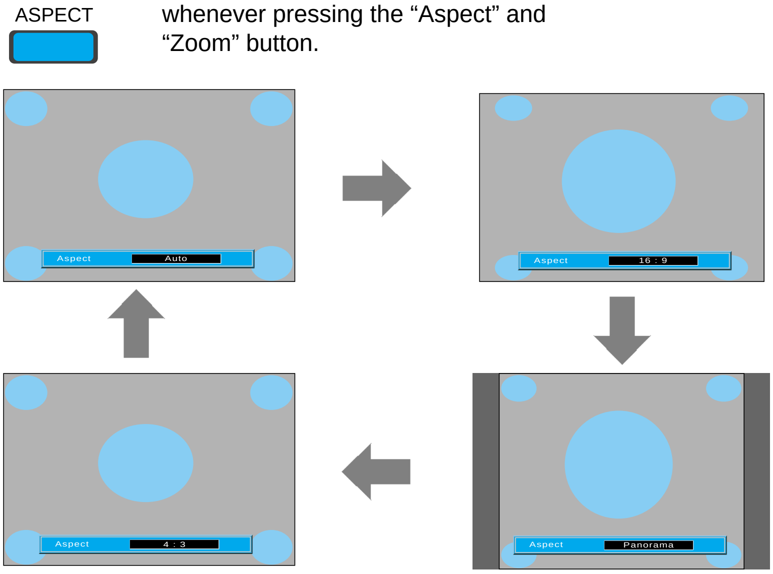
- Randomly change the size of the screen. Pleasure for enjoying the TV increases further.
- The AUTO screen operates when power is turned on firstly.

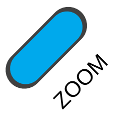


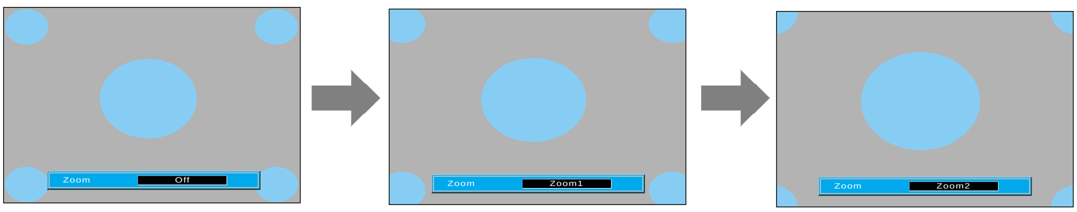
1 Press the “Aspect” and “Zoom” button.

• The screen changes as below whenever pressing the “Aspect” and “Zoom” button.

ASPECT







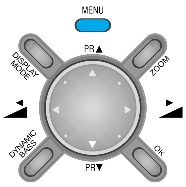
- **Auto :** When your TV receives the wide screen signal(WSS), it will automatically changes to the picture format sent. If your TV does not receive wide screen signal, ‘Auto’ mode is not available.(This mode operates only in RF mode)
- **16:9** : The 16:9 screen to produce the atmosphere of the movie theatrel.
- **4:3** : General TV screen currently broadcasted.
- **Panorama** : Screen that extends the 4:3 image to 16:9 and spreads the left or right part, and whose centre provides natural and energetic feeling.
- **Zoom 1** : Screen that enlarges image by 1.04 times bigger than(Normal) image.
- **Zoom 2** : Screen that enlarges image by 1.04 times bigger than Zoom1 image.

Adjustment of Colour Match

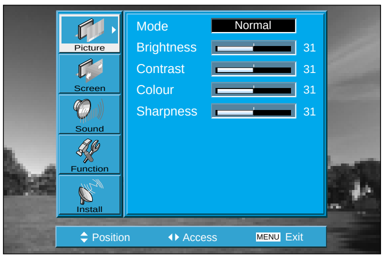
Convergence

- This function enables you to adjust the colour convergence of the screen during receiving the signals. When the set is first installed or it is relocated, the picture may be unstable with three colour(Red, Green, Blue). This problem can be solved by adjusting the colour convergence.

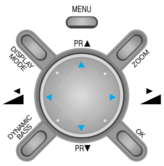
1 Press the "Menu" button.



• The Menu screen appears as on the right.



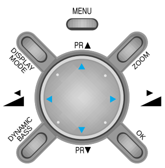
2 Select "Screen".



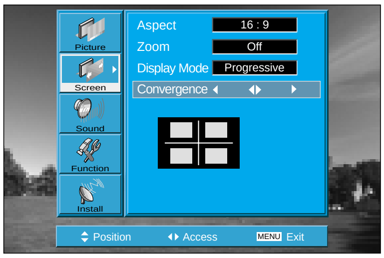
• Select "Screen" with the "▼PR ▲" button.
• The extension appears if when you press the "◀VOL▶" button.



3 Select "Convergence".



• If the display "+" is unstable with three colour ghosts, the colour convergence needs to be adjusted. If the display "+" is white, colour convergence adjustment is not necessary.

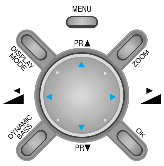




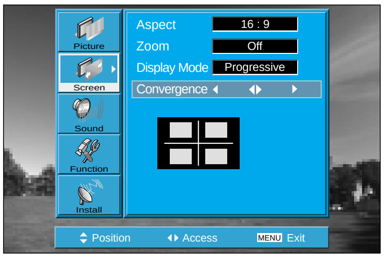
Convergence



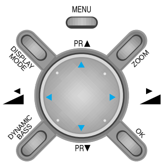
4 Press the "◀VOL▶, ▼PR▲" button to superimpose the red display "+" with the Green one.



• The display "+" is moved to the left, right, up or down by pressing the "◀VOL▶, ▼PR ▲" button. If the red display "+" is superimposed with the green one, the display "+" will be change to yellow.

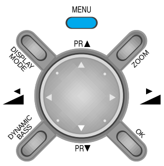


5 If you press OK button again, the colour of the cursor will change to blue. Press the "◀VOL▶, ▼PR▲" button to superimpose the blue display "+" with the Yellow one.



• The display "+" is moved to the left, right, up or down by pressing the "◀VOL▶, ▼PR▲" button. If the blue display "+" is superimposed with the yellow one, the display "+" will be change to white.

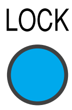
6 Press the Menu button to return to normal TV viewing.



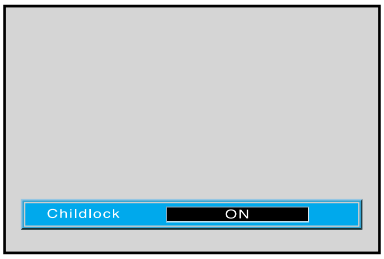
Setup of Child Lock

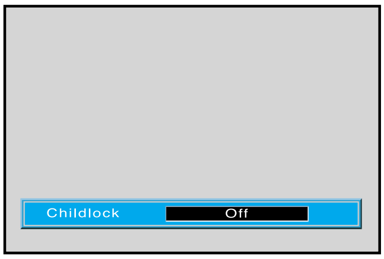
- This is function to prevent the use of the TV set without the remote control.

1 Press the “Lock” button.



- On-Off of the Child Lock Control is repeated whenever pressing the “Lock” button.
- If the Child Lock is “On”, then the set can only be switched back on using the remote control.





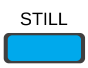


Notices:
- You may also select this function even in (Menu) -> (Function) -> (Child lock) by pressing the menu button.
- The LED lamp on the front panel begins to flicker in red and green if you turn off the TV set by pressing power button on your remote controller with childlock on.

Still

- This is the function to temporarily stop the main screen or the auxiliary screen currently watched.
- You can watch your favourite scene, etc without missing important information since you can stop the screen.

1 Still of Main Screen



- Press the “Still” button when desiring to pause the screen currently watched.
- Pressing the button once again returns to the screen being watched as the still screen is cancelled.



Sound Adjust

When selecting various sound modes

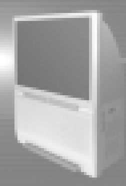


1 **Press the “Sound Mode” button.**



• The sound status changes while the following screens display in turn whenever pressing the Sound Mode button.





When adjusting sound to taste

- The user can enjoy various the sounds by adjusting Sound Mode, Equalizer, Virtual Dolby, Dynamic Bass and Balance

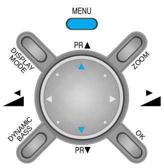
What's equalizer?

- High quality sound range adjustment method used for audio products.

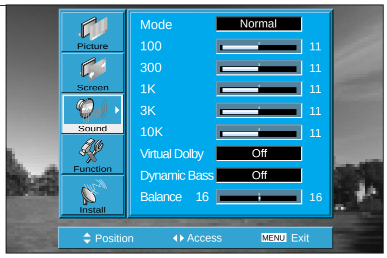
Sound Balance

- Function to adjust balance of sound volume of the left and right speaker.

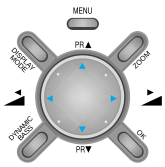
1 Select "Sound" by pressing the "Menu" button.



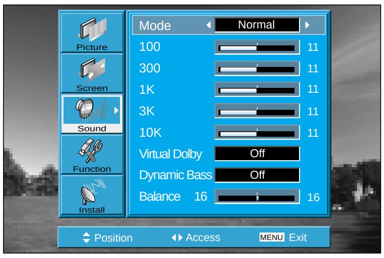
- The menu screen appears as follows:



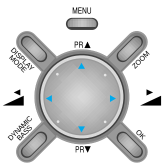
2 Select items desired to adjust and press the "◀VOL ▶" button.



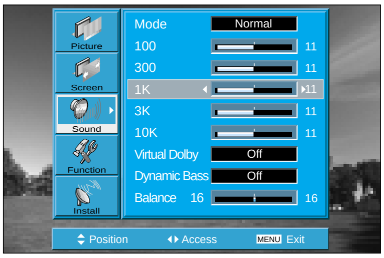
- You can select items in the order as follows → Equalizer → Virtual Dolby → Dynamic Bass → Balance whenever pressing the "▼PR" button.
- If you select the "Mode" and you can select sub-menu in the order of Normal, Favourite, News, Music and Movie whenever pressing the "◀VOL▶" button.



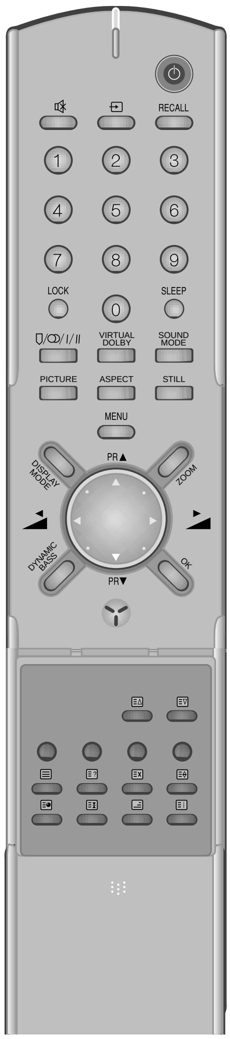
3 To adjust the audio equalizer

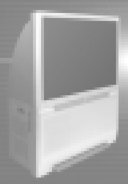


- Select and use the relevant frequency by pressing the "▼PR▲" button.
- You can adjust the degree of the frequency by using the "◀VOL▶" button.



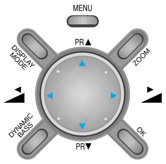
0.1 kHz, 0.3 kHz	Low Sound Range
1.0 kHz, 3.0 kHz	Middle Sound Range
10.0 kHz	High Sound Range



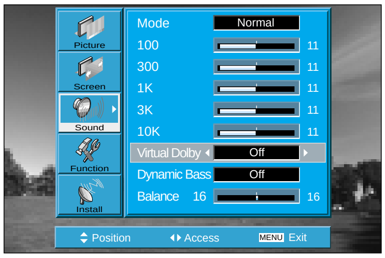




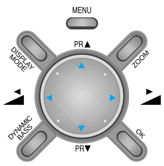
4 Select Virtual Dolby Mode



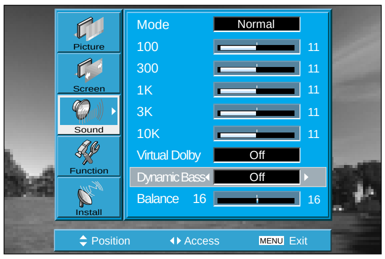
- You can perceive, orientation and a cubic effect through the left/right speaker by developing the existing surround system function.
- If you select “Virtual Dolby” or, Panorama and 3D Panorama which is repeated whenever you press the “VOL▶” button.
- You can also operate this function with the direct key [Virtual dolby] in your remote control.



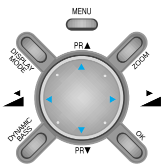
5 Select Dynamic bass Mode



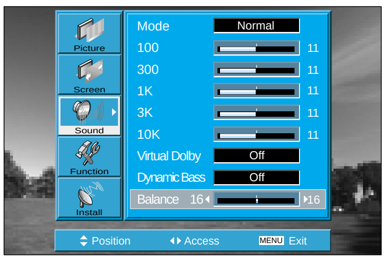
- Select Dynamic bass by pressing “▼PR▲” button, then select ON/OFF by pressing “◀VOL▶” button.
- Dynamic bass: Is used to enhance sound emphasizing deep and rich notes.



6 Select Balance Mode

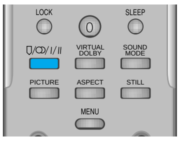


- Select “Balance” by pressing “◀VOL▶” button, then adjust sound balance of left and right speaker.





1 Press the “ ◻/◎/ I / II ” button.



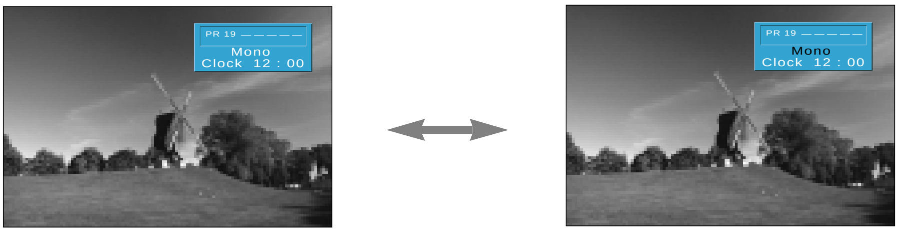
- The status changes whilst the following screens sequentially appear when pressing the button.



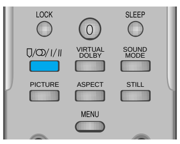
2 Mono Sound Selection



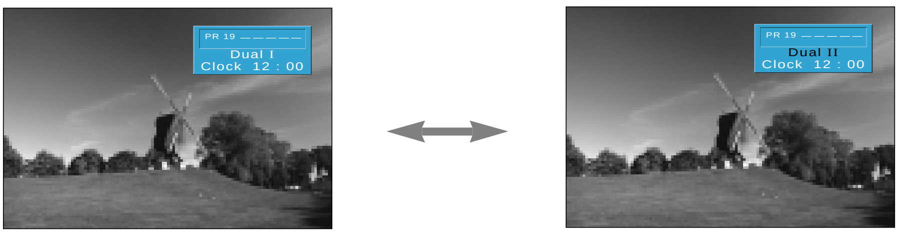
- In Stereo reception if the stereo is weak, you can switch to MONO by pressing the “◻/◎/I/II ” button. Then the “MONO” Colour will be change to Red. In Mono reception the depth of sound is improved. To switch back to stereo, press the “◻/◎/I/II” button again.



3 Language Selection for bilingual broadcast.



- In bilingual broadcast reception, you can switch to Dual I or Dual II by pressing the “◻/◎/I/II” button repeatedly.



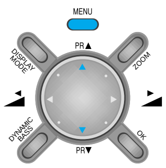
Adjustment of Time

Adjustment of Time

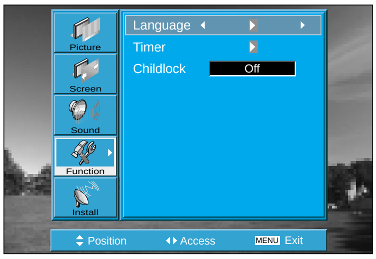
- You must previously adjust current time in order to reserve Automatic On/Off.



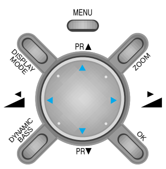
1 Select “Function” by pressing the “Menu” button.



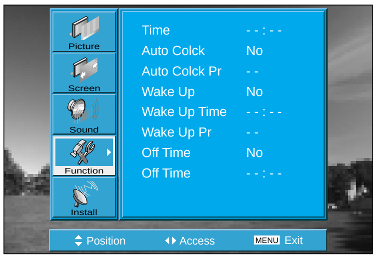
- The menu screen appears as follows.



2 Select “Timer”



- A screen appears as in the right if you select Timer
- You can setup “current time”, “wake up time” and “off time” etc.

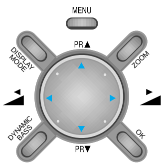


Notice.

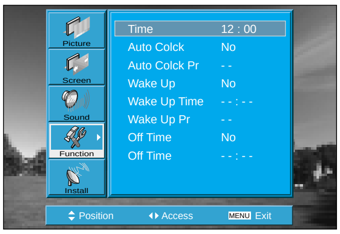
Current time, Wake up time, Wake up program and Off Time are erased if setting up the “Off” status by pressing the main power button.
Keep the main power button ON unless you don't use TV for a long time.

Adjustment of Time

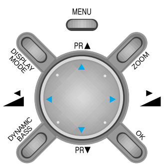
1 Setting the Time



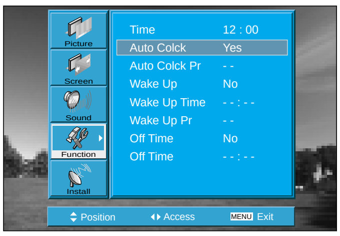
- Place the cursor to Hour / Minute with "◀VOL▶" buttons.
- Set the Hour / Minute with the "▼PR▲" buttons.
- Place the cursor to Time with "◀VOL▶" buttons and then press the Menu button to complete.



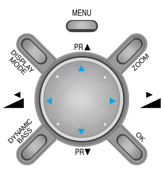
2 Automatic clock setting and correction



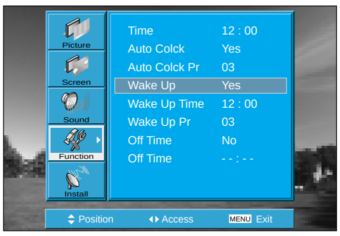
- Even though you turn the TV off with On/Off (Main Power) button, if you select a program of your country which has Teletext or PDC transmission, the clock will be set and corrected automatically.
- This function is only available for the following countries:
  Deutschland, Great Britain, France, Italy, Sweden, Switzerland, Netherlands, Ireland.



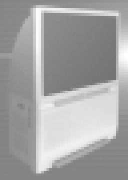
3 Setting the Wake up time / Program



- Confirm the Time is set. The Wake up time is only available when the Time is set.
- Select the Wake up to "Yes".
- Set the Wake up time and Program in a same way to the above for the Time. The set will switch on at this time and program number.





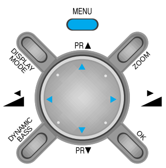


Setup of Off-time

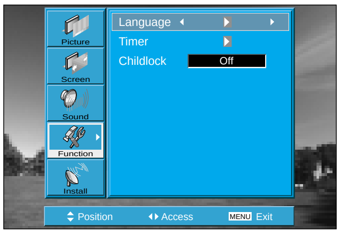
The red lamp turns on whether setting up either Off-time/ On-time.
This function is very convenient since the TV automatically turns off at the fixed time if reserving the Off-time for sleeping time or at desired time.
If adjusted once, this function operates everyday unless you cancel the Off-time setup or switch off the main power button.
You can reserve current time if setting it up previously.
N.B.On/Off time setup is erased if you turn the main power off.



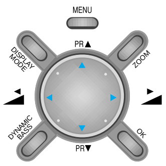
1 Select the “Function” after pressing the “Menu” button.



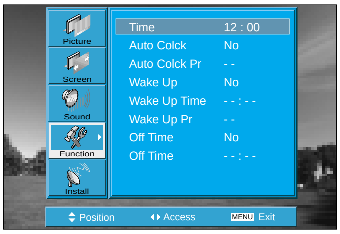
• Select “Function” by pressing the “◀VOL▶” button and then press the “PR▲” button.



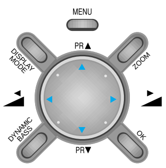
2 Press “Timer” for selection.



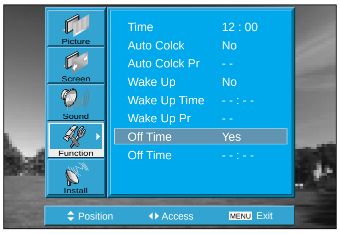
• Select “Timer” by pressing the “▼PR▲” button and then press the “◀VOL▶” button.



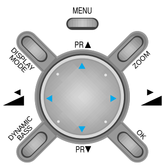
3 Select “Off Time” by pressing the “▼PR▲” button.



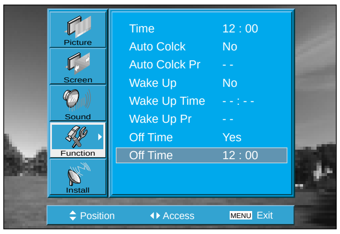
• Hour is set up if pressing the “◀VOL” button and minute is set up if pressing the “VOL▶” button.



4 Press the “Menu” button if time setup is completed.



• Select “Off-time” by pressing the “▼PR▲” button and select ‘On” by pressing the “◀VOL▶” button.
• Hour is set up if pressing the “◀VOL” button and minute is set up if pressing the “VOL▶” button.



Notice

Setup of On-Time

• Setup in the same manner as in setup of Off Time.
• Alarm function allowing TV to turn on to the desired time.
• If adjusted once, the On-time continues to operate everyday unless canceling setup or switching the set off using the main power button.
• It is a convenient method to wake you up in the morning.
• You can only set-up the on-time if the current time is set.

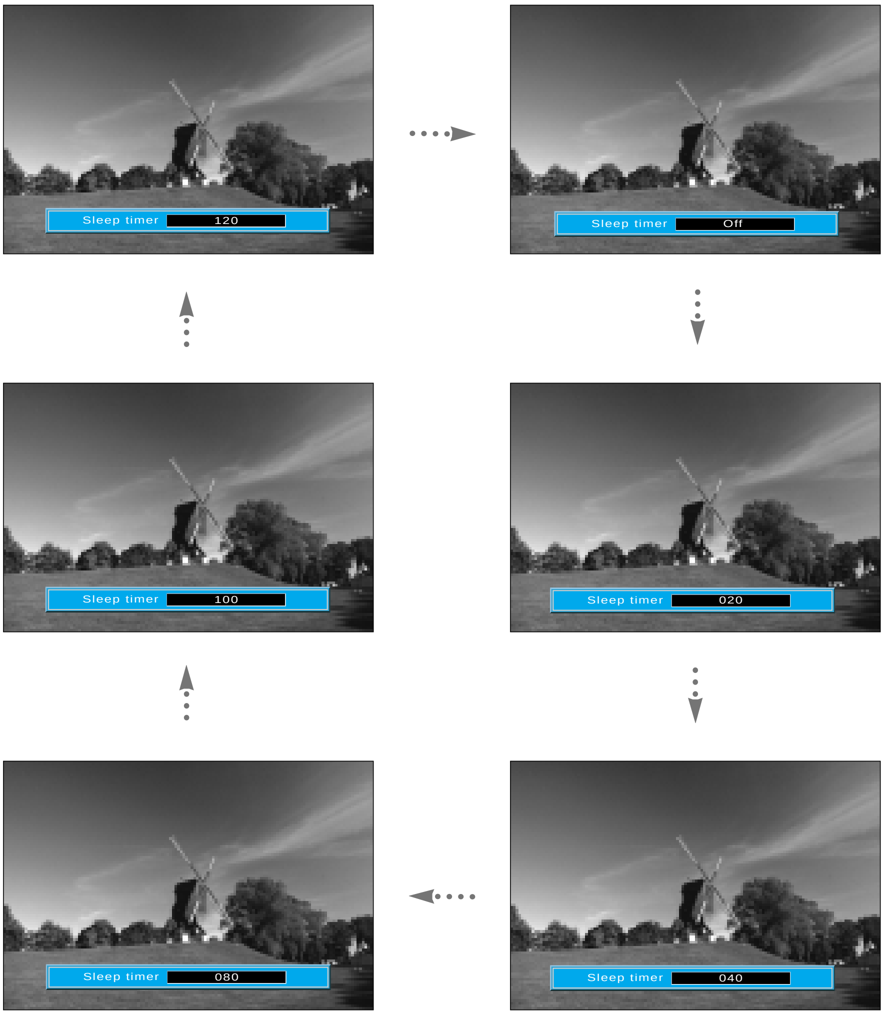
Choosing Set Amounts of Minutes Before Sleep Time

- This function is designed to turn off the TV after a fixed amount of time (10min~120min) has passed from the current time.
- Adjust sleep time with sleep button on the remote control.

1 Press the “SLEEP” button.



- Sleep timer Off → Sleep timer 10 → Sleep timer 20 → Sleep timer 30 → Sleep timer 40 → Sleep timer 50 → Sleep timer 60 → Sleep timer 70 →Sleep timer 80 → Sleep timer 90 → Sleep timer 100 → Sleep timer 110 → Sleep timer 120 → Sleep timer Off is repeated whenever pressing the “SLEEP” button.
- Stop to pressing at the desired time.
- Sleep Off means status that “SLEEP” is not setup.





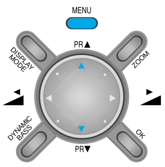
Selection of Language

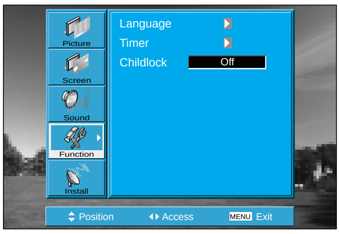
Selection of Language

This function enables you to select the language of the on screen menus displayed on the TV screen.

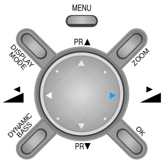


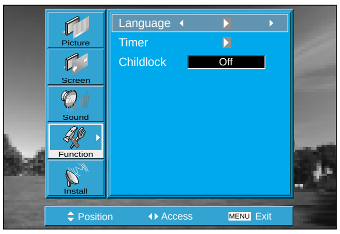
1 Press the menu button and select “Function”



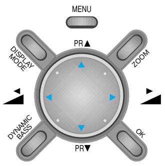


2 Select “Language” by pressing “VOL▶” button





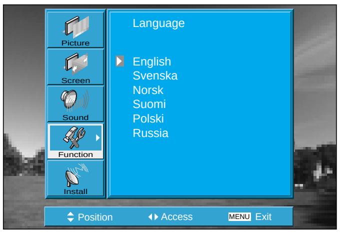
3 Press the “▼PR▲” buttons and select your desired language by pressing the “◀VOL▶” button.



- Language of the OSD changes in the order of English -> Francais -> Deutsch -> Italiano -> Español -> Nederland -> Português.
(DJ-4710/5510 , DJ-4720/5520 Only)

- Language of the OSD changes in the order of English -> Svenska -> Norsk -> Suomi -> Polski -> Russian.
(DJ-4710E/5510E , DJ-4720E/5520E Only)





Switching Teletext ON/OFF
Press the Text button ( )
The index page or the page viewed last will appear.
Press the Text button again to return to the TV mode.

Colour buttons in TOP/FLOF Teletext
A red, green, yellow and cyan field is shown at the bottom of the screen.
If TOP or FLOF Teletext is transmitted by the station, pressing the corresponding colour button on the remote controller, allows you to easily select the desired page easily.

Selecting Pages
The Page selector button 0~9 are used to enter a page number.
The selected page number appears at the top of the screen and the page appears after a short time.
The UP(▲ or) / DOWN(▼) buttons increase or decrease the current page number by 1.

Index Page
You can switch directly to the program preview (with TOP text) or the overview page of the station you are currently viewing by pressing the Index ( ) button.

Page Hold
Several sub pages can be combined under a page number and are scrolled at an interval determined by the television station.
The presence of sub pages is indicated by, for example, 3/6 beneath the time, which means that you are looking at the 3rd page of a total of 6pages.
If you want to look at a subpage for a longer period of time, press the Hold ( ) button.
The "Stop!" appears beside page number and the contents of the subpage shown are kept on the screen and no longer updated or switched to other subpages.
Pressing the Hold button again, the current subpage appears.

Subpage
Press the subpage button( ). The subpage number is displayed at the bottom of the screen. To change the subpage press the Red(-) / Green(+) buttons. Press this button again to exit this function.

Watching television during teletext mode
Some pages are continually updated, for example, stock market reports, sports announcements, the latest news.
If you want to watch television and stay informed at the same time, press Cancel ( ) button.
The regular program is still visible and the teletext page number appears at the top of the screen.
Pressing the Cancel button, the teletext page appears with the updated information.

Reveal Answer
This function can be used on certain pages to reveal the solution of riddles.
Press the Reveal button ( ) to reveal a hidden answer and press again to hide it.

Doubling Character size
Repeatedly pressing the Size button ( ) doubles the character size in the following order.
Upper half of the page → Lower half of the page → Return to normal size

Mix
In normal Teletext mode, TV picture and character data are not displayed simultaneously. The Mix button( ) allows a combined display of TV picture and character data.

Troubleshooting

Symptoms and Solutions

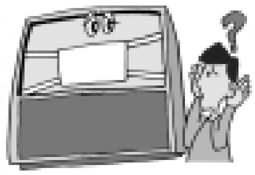
Please check the following list prior to calling Daewoo Electronics Service Centre for assistance

WHEN THE TV DOES NOT TURN ON



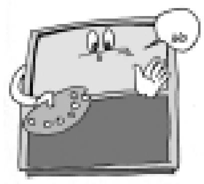
- Is the TV power cord plugged into the outlet correctly?
- Please check the power cord and connect it properly to the outlet.
- Press the main power button at the front controller panel.

WHEN THE VIDEO IS ON, BUT THE AUDIO IS OFF



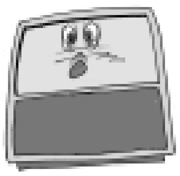
- Has the "mute" button at the remote controller been pressed accidentally?
- Have you checked its volume?
- Press the "mute" button on the remote controller once more.
- Adjust the volume by pressing the "right" button

WHEN THE AUDIO IS ON, BUT THE IMAGE IS NOT IN COLOUR



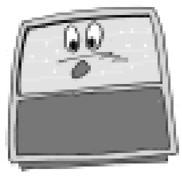
- Have you checked the Colour?
- Isn't the program itself broadcasting in black and white?
- Have you checked the antenna connection?
- Adjust the colour pressing the "Vol ▲/▼" buttons as explained in page 30
- Check other broadcasting programs
- Check the antenna

WHEN THE IMAGE IS DOUBLED



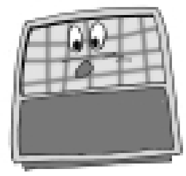
- Is the antenna towards the right direction?
- Has the Channel Fine Tuning been adjusted incorrectly?
- Turn the antenna towards where the broadcasting station is
- Press the Fine Tuning button and adjust the screen image

WHEN DOTTED OR WHITE LINES ARE ON THE PICTURE



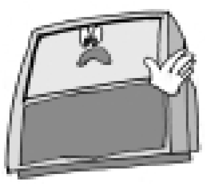
- Have you checked the antenna?
- Have you checked whether it is receiving interference by vehicles or neon signs?
- Connect the antenna or change the antenna cable.

WHEN THE NET-LIKE LINES ARE ON



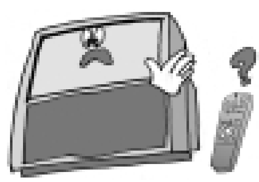
- Have you checked whether it is receiving interference from any other receiving waves-such as radio?
- Avoid any item that may interfere with its proper operation

WHEN THE STEREO BROADCASTING IS NOT CLEAR



- This may happen when there is a bad reception due to interference or depending on the location of the broadcasting station.
- Press the " /◎/I/II " button and select "Forced Mono"

WHEN THE REMOTE CONTROLLER DOES NOT WORK



- Has the remote controller receiving window been blocked or interfered by any object?
- Are the batteries on the remote controller low?
- Has the remote controller mode been set up in cable mode?
- Please clear away any object that may block the TV from receiving the remote controller signals.
- Press the " ⊡ " button to change its current mode.

Standard of Product

Model		DJ - 4710/5510, DJ - 4720/5520, DJ - 4710E/5510E, DJ - 4720E/5520E
Receipt Channel	VHF	Band I : CH02 ~ CH04 Band II : CH05 ~ CH12 Cable Band : S1' ~ S3', S1 ~ S20
	UHF	Hyper Band : S21 ~ S41 Band IV, V : CH21 ~ CH69
Screen Size		119cm(47"), 139cm(55")
Signal Method		PAL / SECAM
Speaker Output		10W / ch (Main L/R)
Power		220-240V ~, 50/60Hz
Power Consumption		195W
Dimension (W/H/D)		1110 x 1210 x 533mm(4710), 1278 x 1352 x 586mm(5510) 1110 x 1210 x 530mm(4720), 1278 x 1352 x 591mm(5520)
Weight		62kg(47"), 73kg(55")

Appearance and standard of this product may change
without prior notice for improvement.

